

What we claim is:

1. A face mask of a plastics material comprising: a relatively soft canopy member having a peripheral sealing edge providing a seal with the skin around the nose and mouth of a patient, said canopy member being moulded as one shot in a dual-shot moulding process; a relatively rigid reinforcement member, said reinforcement member being moulded integrally with said canopy member as another shot in the dual-shot moulding process; and a gas port by which gas can enter the mask.
2. A face mask according to Claim 1, wherein said peripheral sealing edge of said canopy member is tapered to a reduced thickness and an increased flexibility at its edge.
3. A face mask according to Claim 1, wherein said gas port is provided on said reinforcement member.
4. A face mask according to Claim 1, wherein said gas port has a gas connector projecting therefrom for connection to a gas supply tube, and wherein said port is located in line with the mouth of the patient and said connector is angled such that it projects down when the mask is applied to the patient's face in an upright position.
5. A face mask according to Claim 1 including a valve separate from said gas port, wherein said valve is arranged to allow air to flow into the mask when there is an inadequate supply at said gas port.

6. A face mask according to Claim 5, wherein said valve is provided on said reinforcement member.
7. A face mask according to Claim 1 including a selectively closable vent that can be opened to allow flow of gas out of the mask.
8. A face mask according to Claim 7, wherein said vent includes a cap member movable between two discrete positions where said vent is open or closed respectively.
9. A face mask according to Claim 7, wherein said vent is provided on said reinforcement member.
10. A face mask according to Claim 1, wherein said reinforcement member is a frame with a plurality of radially-extending arms.
11. A face mask according to Claim 10, wherein two of said arms extend towards opposite edges of mask and are terminated by lateral bars extending substantially parallel to an edge of the mask.
12. A face mask according to Claim 11 including a harness arranged to extend around the head of the patient, and wherein said lateral bars support a fastener to which said harness is attached.

13. A face mask according to Claim 10, wherein said frame includes three arms supporting respectively a gas port, a valve to allow gas to enter the mask and a vent that can be opened to allow gas to flow out of the mask.
14. A face mask according to Claim 1 including a harness arranged to extend around the head of the patient and wherein said harness is attached at opposite ends with said reinforcement member.
15. A face mask according to Claim 14, wherein the opposite ends of said harness are of triangular shape having a free end extending rearwardly and wherein the free end is adjustably attachable with a part of said harness.
16. A face mask assembly including a harness and a mask, wherein said mask is of a plastics material and comprises: a relatively soft canopy member having a peripheral sealing edge providing a seal with the skin around the nose and mouth of a patient, said canopy member being moulded as one shot in a dual-shot moulding process; a relatively rigid reinforcement member, said reinforcement member being moulded integrally with said canopy member as another shot in the dual-shot moulding process; and a gas port provided on said reinforcement member by which gas can enter the mask, and wherein said harness is arranged to extend around the head of the patient and is attached with said reinforcement member.
17. A face mask assembly according to Claim 16, wherein said mask includes a valve on said reinforcement member and separate from said gas port, said valve being arranged

to allow air to enter the mask when there is an inadequate supply at said gas port, and wherein said mask includes a selectively closable vent provided on said reinforcement member, said vent being openable to allow gas out of the mask.

18. A method of making a face mask comprising the steps of: moulding a first component in a mould from a relatively high temperature plastics material and subsequently moulding a second component from a relatively low temperature plastics material directly on said first component while said first component is in said mould.